

ABSTRACT¹⁷

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A raking device for breaking up a surface has a plurality of rakes mounted on a rake frame and arranged to produce an upwardly directed result in force in response to a horizontally directed force arising from encountering an obstruction in a path of travel of the raking device. A rake frame support mounts the rack frame to a rake frame carrier structure and allows controlled movement of the rakes in a vertical direction. A force applicator acting between the rake from carrier and the rake frame support is provided to apply at least a downward force to the rake. The force applicator is responsive to an increase in the upwardly directed result in force above a preset amount to allow the rakes to move upwardly in response to the increase in force.

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